



Physics of the Ocean World

*A 3-week pre-college introduction to major physical ocean processes
at Scripps Institution of Oceanography*



July 12- August 1, 2015

From tides to tsunamis, from sealife to surf breaks, physics can help us understand our ocean world. Learn how scientists use physics to explain a wide variety of processes that shape our blue planet and the life it supports. Observe ocean processes first hand by conducting your own field experiments, developing basic data analysis skills, and learning to analyze and interpret your own data – critical skills for college bound science and engineering majors.

Field Trips:

Including the Birch Aquarium, Scripps tidepools, and Scripps Hydraulics Lab, for a behind the scenes look at research done every day by Scripps scientists.

Labs:

Surfzone physics, density currents, coriolis and the Great Pacific Garbage Patch, tidepool chemistry, and more!

Apply Online:

<http://academicconnections.ucsd.edu>

Contact Instructors:

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